Phytogen November 2018

Phytogen – November 2018

29 November 2018

Awards

It's not too late, spread the word and tweet. The ASPS Peter Goldacre award and the RN Robertson travelling fellowship applications are due on the 7th Dec 2018. Details about these awards and others can be found here: https://www.asps.org.au/awards

Tweets by asps_ozplants

Warm congratulations to ComBio 2018 student poster prizes:

1st Dushan Kumarathunge, Western Sydney University. Acclimation and adaptation components of the temperature dependence of plant photosynthesis at the global scale.

2nd Annamaria De Rosa, Australian National University. Characterization of tobacco aquaporins: the search for CO_2 pores.

Joint 3rd Pei Qin Ng, University of Adelaide. Connecting the dots of RNA modifications and small RNA profiles in *Arabidopsis thaliana* & Yagiz Alagoz, Western Sydney University. Shedding light on how photisomerisation of cis-carotenes can rapidly regulate nuclear gene expression in plants.

Calling for content for Phytogen

We would like to encourage our community and especially the discipline representatives to (i) contribute to Phytogen and (ii) contribute to education media and (iii) post/re-post on social media, add @asps_ozplants to your relevant content. and facebook, https://www.facebook.com/ASPSozplants/. Ask your colleagues, teachers and students to send articles to the websites and communications team for publishing on Phytogen.

In the December edition of Phytogen, there will be an article by Beth Loveys.

As we are nearing the end of the year, we would like to take time to thank Gonzalo Estavillo and Chris Cazzonelli for their contributions to ASPS website and media communications **over the past few years. Both of these researchers have been passionate about communicating plant science to the community and its dissemination to fellow researchers, teachers, students and children.**



Global Plant Council E-Bulletin November 2018

15 November 2018

November 2018

GPC SURVEY

The GPC survey launch last addressed to all kinds of plant, crop, environmental and agricultural researchers will remain open until Christmas. Data gathered through this survey will be used in developing the GPC's new strategic plan. Please take 5-10 minutes to complete! Link: https://goo.gl/Xj8QT5.

GPC workshop

The workshop hosted by GPC, entitled "**Enhancing Global Collaborations in Crop Science**", was held in the frame of the ASA CSSA annual meeting in Baltimore, USA, on 4th November. At this one-day event, over 40 attendees coming from all continents besides the Antarctica, including experts in crop science research, policy and science communication, discussed new ideas for enhancing collaboration and kickstart initiatives to address major food security challenges. The slides provided by the speakers are available here.

ASPB TRAVEL GRANT

ASPB is offering a limited number of $575 travel grants to attend Plant Biology 2019 in San Jose, California. The travel grant program aims to increase attendance of early-career scientists at the annual meeting by providing travel funds for those in financial need; increasing diversity among Plant Biology attendees is another important goal. Undergraduate students, graduate students, postdocs, pre-tenure faculty, and professionals beginning their careers in plant science are strongly encouraged to apply. Deadline: 5 December 2018. Link

Latest News /
View more... If you have news you would like us to share on our website, please
contact isabel@globalplantcouncil.org

This past month 30 new breaking news stories were posted on the GPC website including...

A major disease resistance gene in wheat identified and verified by international research group
Yellow rust is a devastating fungal disease threatening much of global wheat production, the problem increasing with climate change. Wheat is the most cultivated food crop globally, but more than five million tons of wheat harvest are estimated to be lost annually due to yellow rust, affecting food security and affordability for millions of people.

Predicting how native plants return to abandoned farm fields
Movement is one of the most common processes in all biology—mice forage for food and geese migrate with the seasons. While plants may be rooted in one spot for most of their lives, movement also plays a key role in their ecology—especially when it comes to seeds.

Understanding enzyme could help produce frost-resistant crops title
Researchers have found that an enzyme in plants, ATP Synthase, plays a critical role in how plants respond to the cold. The discovery could be used to

produce frost-resistant crops, which would save the agricultural industry millions of dollars every year.

Events /

View more... If you have a conference, meeting, workshop, training course or other event coming up, we can include it in our Events calendar! Please email isabel@globalplantcouncil.org

Climate Policy and Forest Bioeconomy
04 December 2018. Brussels, Belgium.XV Symposium of Phytohormones of the Spanish Society of Plant Physiology
13–14 December 2018. Valencia, Spain.From Images to Knowledge with ImageJ & Friends
06–08 December 2018. Heidelberg, Germany.

Phenome 2019
06–10 February 2019. Tucson, Arizona.

Funding Opportunities /

Spotted a funding opportunity we've missed? Please tell us about it by emailing isabel@globalplantcouncil.org

A number of funding opportunities have been launch by the European Commision. Deadline 23rd January 2019. More info...

Other potencial funding bodies to be found here.

Members /

Click here for details of the GPC Member Societies and their representatives.

Please contact us (isabel@globalplantcouncil.org) to find out how your organization can join the Global Plant Council.

The GPC is a coalition of plant and crop science societies and institutions from across the globe. The GPC seeks to bring plant scientists together to work synergistically toward solving the pressing problems we face.

Please click here to make a donation via PayPal to help support the GPC.

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